



# NITFS

## Compliance Registration



Product: **Deep Archive, version 2.0.010**

Sponsor: **US Army and Intelligence Center and Fort Huachuca**

Developer: **Impact Imaging Inc.**

Date: **22 March 2002**

Expiration: **21 March 2004**

Registration #: **2017**

☒ Initial Registration  
☐ Supplemental/Update #  
☐ Derived from Reg. #

### System

N-0105/98, §4.1.1

### Product

N-0105/98, §4.1.2

### Component

N-0105/98, §4.1.3

### NITFS Features Implemented:

#### Format

##### NITF

☒ v2.1

☒ v2.0

☐ v1.1

##### NSIF

☐ v1.0

#### Image Segment Types

☒ MONO

☒ RGB

☒ RGB/LUT

☒ YCbCr

☒ MULTI

☐ NO DISPLY

☐ POLAR

#### Data Extension Segments

☐ TRE\_OVERFLOW

☒ STREAMING\_FILE\_HEADER

☐ Controlled Extensions \*\*

☐ Registered Extensions \*\*

#### Tagged Record Extensions

- None implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

### Configurations Tested:

- PC-1-GHz AMD (Windows 98 second edition)

#### Pixel Value Types

☒ Boolean

☒ Integer

☐ Signed Integer \*

☐ IEEE Real \*

☐ IEEE Complex \*

#### Annotation Segment Types

☒ Bit Mapped \*\*

☒ CGM, 2301

☒ CGM, 2301A

☒ Labels \*\*

#### Text Segments

☒ STA

☒ UT1

☒ U8S

☒ MTF

#### Image Compression

☐ Not Compressed

☒ JPEG Lossy, 8-bit

☒ JPEG Lossy, 12-bit

☒ JPEG Downsample

☐ JPEG Lossless

☐ JPEG 2000

☒ 8-Level

☒ Vector Quantization

☒ Multispectral JPEG, Individual Band

CHRISTOPHER K. LONG, Acting Division Chief

Joint Interoperability Test Command

Executive Agent to National Imagery & Mapping Agency

for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.